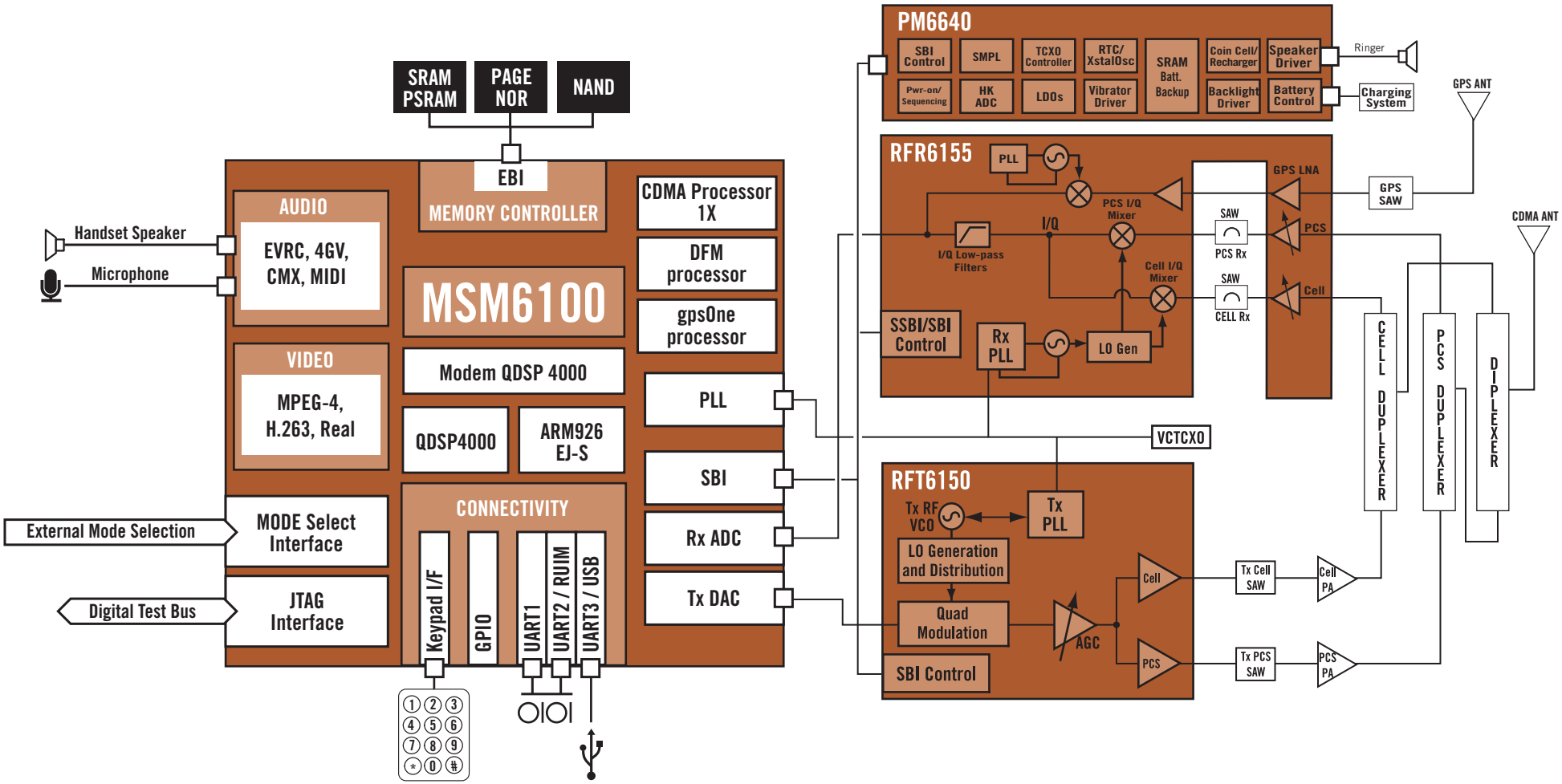
SRAM PSRAM
PAGE NOR
NAND
EBI
MEMORY CONTROLLER
AUDIO
EVRC, 4GV, CMX, MIDI
VIDEO
MPEG-4, H.263, Real
MSM6100
Modem QDSP 4000
QDSP4000
ARM926 EJ-S
CONNECTIVITY
Keypad I/F
GPIO
UART1
UART2 / RUIM
UART3 / USB
CDMA Processor 1X
DFM processor
gpsOne processor
PLL
SBI
Rx ADC
Tx DAC
Handset Speaker
Microphone
External Mode Selection
MODE Select Interface
Digital Test Bus
JTAG Interface
PM6640
SBI Control
SMPL
TCXO Controller
RTC/ XstalOsc
SRAM Batt. Backup
Coin Cell/ Recharger
Speaker Driver
Pwr-on/ Sequencing
HK ADC
LDOs
Vibrator Driver
Backlight Driver
Battery Control
Ringer
Charging System
RFR6155
PLL
PCS I/Q Mixer
I/Q
I/Q Low-pass Filters
Cell I/Q Mixer
SSBI/SBI Control
Rx PLL
LO Gen
GPS LNA
SAW
PCS Rx
PCS
SAW
CELL Rx
Cell
VCTCXO
RFT6150
Tx RF VCO
Tx PLL
LO Generation and Distribution
Quad Modulation
AGC
SBI Control
Cell
PCS
Tx Cell SAW
Tx PCS SAW
Cell PA
PCS PA
GPS ANT
GPS SAW
CDMA ANT
CELL DUPLEXER
PCS DUPLEXER
DIPLEXER